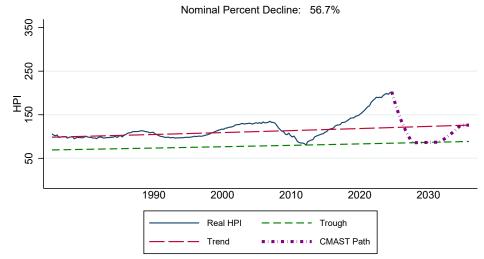
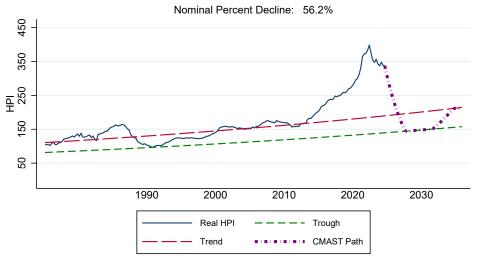
12060 - Atlanta-Sandy Springs-Alpharetta, GA Q3 2024 Scenario



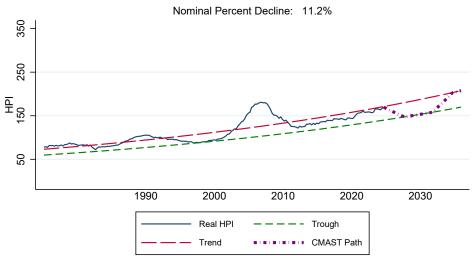
The graph above shows real HPI from Q1 1975 through Q3 2024 for Atlanta-Sandy Springs-Alpharetta, GA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 56.7% from current price levels.

12420 - Austin-Round Rock-Georgetown, TX Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Austin-Round Rock-Georgetown, TX. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 56.2% from current price levels.

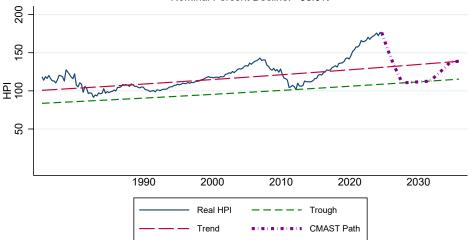
12580 - Baltimore-Columbia-Towson, MD Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Baltimore-Columbia-Towson, MD. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 11.2% from current price levels.

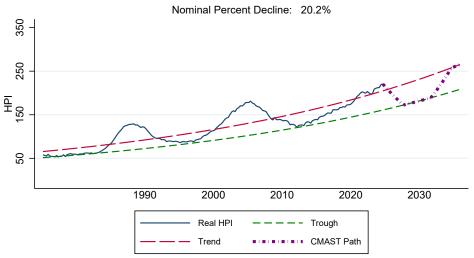
13820 - Birmingham-Hoover, AL Q3 2024 Scenario





The graph above shows real HPI from Q1 1975 through Q3 2024 for Birmingham-Hoover, AL. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 36.0% from current price levels.

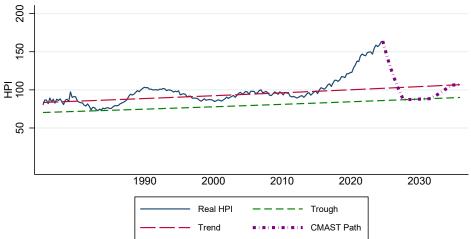
14460 - Boston-Cambridge-Newton, MA-NH Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Boston-Cambridge-Newton, MA-NH. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 20.2% from current price levels.

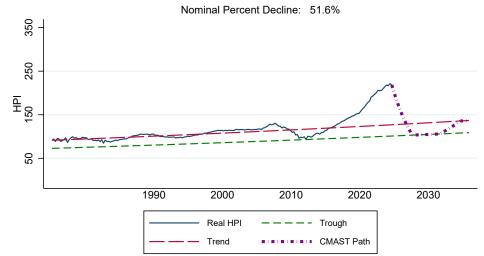
15380 - Buffalo-Cheektowaga, NY Q3 2024 Scenario





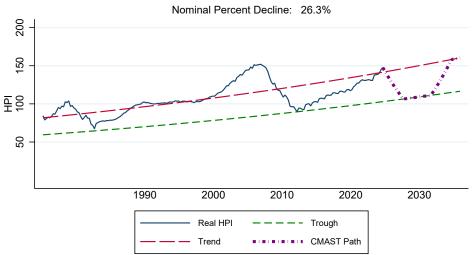
The graph above shows real HPI from Q1 1975 through Q3 2024 for Buffalo-Cheektowaga, NY. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 45.7% from current price levels.

16740 - Charlotte-Concord-Gastonia, NC-SC Q3 2024 Scenario



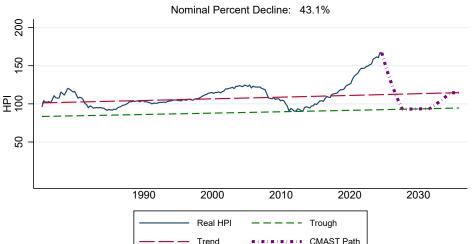
The graph above shows real HPI from Q1 1975 through Q3 2024 for Charlotte-Concord-Gastonia, NC-SC. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 51.6% from current price levels.

16980 - Chicago-Naperville-Elgin, IL-IN-WI Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Chicago-Naperville-Elgin, IL-IN-WI. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 26.3% from current price levels.

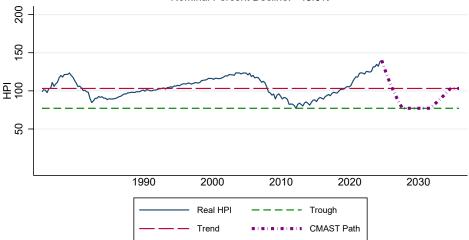
17140 - Cincinnati, OH-KY-IN Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Cincinnati, OH-KY-IN. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 43.1% from current price levels.

17460 - Cleveland-Elyria, OH Q3 2024 Scenario

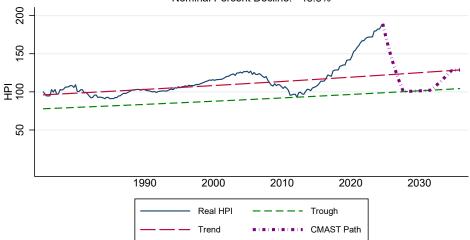




The graph above shows real HPI from Q1 1975 through Q3 2024 for Cleveland-Elyria, OH. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 43.6% from current price levels.

18140 - Columbus, OH Q3 2024 Scenario

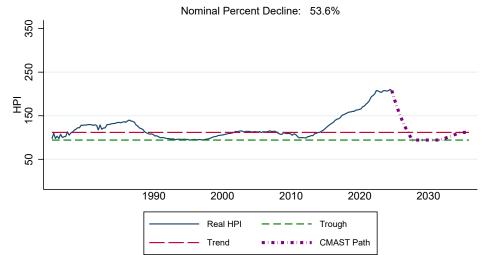




The graph above shows real HPI from Q1 1975 through Q3 2024 for Columbus, OH.

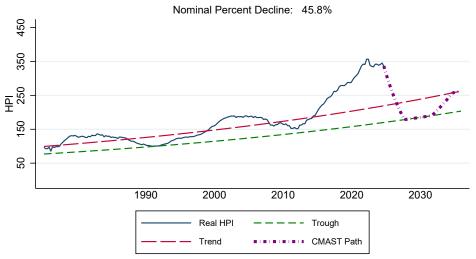
The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 45.8% from current price levels.

19100 - Dallas-Fort Worth-Arlington, TX Q3 2024 Scenario



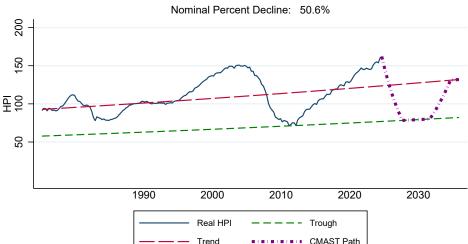
The graph above shows real HPI from Q1 1975 through Q3 2024 for Dallas-Fort Worth-Arlington, TX. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 53.6% from current price levels.

19740 - Denver-Aurora-Lakewood, CO Q3 2024 Scenario



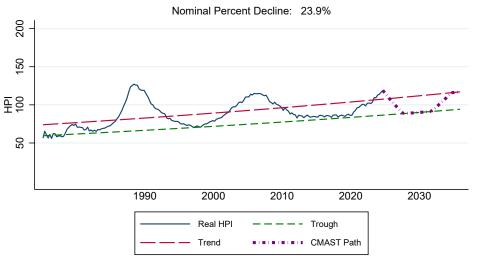
The graph above shows real HPI from Q1 1975 through Q3 2024 for Denver-Aurora-Lakewood, CO. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 45.8% from current price levels.

19820 - Detroit-Warren-Dearborn, MI Q3 2024 Scenario



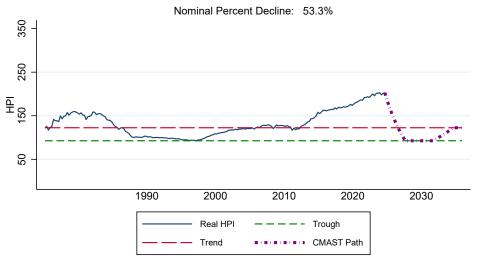
The graph above shows real HPI from Q1 1975 through Q3 2024 for Detroit-Warren-Dearborn, MI. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 50.6% from current price levels.

25540 - Hartford-East Hartford-Middletown, CT Q3 2024 Scenario



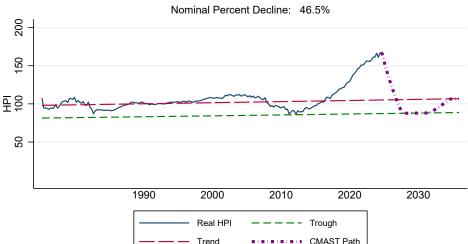
The graph above shows real HPI from Q1 1975 through Q3 2024 for Hartford-East Hartford-Middletown, CT. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 23.9% from current price levels.

26420 - Houston-The Woodlands-Sugar Land, TX Q3 2024 Scenario



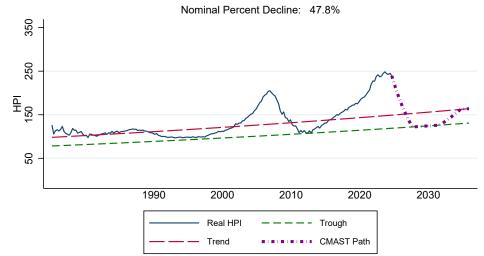
The graph above shows real HPI from Q1 1975 through Q3 2024 for Houston-The Woodlands-Sugar Land, TX. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 53.3% from current price levels.

26900 - Indianapolis-Carmel-Anderson, IN Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Indianapolis-Carmel-Anderson, IN. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 46.5% from current price levels.

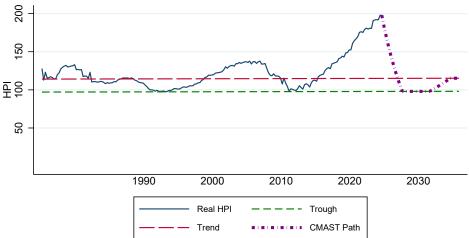
27260 - Jacksonville, FL Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Jacksonville, FL. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 47.8% from current price levels.

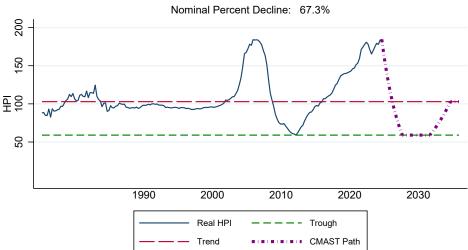
28140 - Kansas City, MO-KS Q3 2024 Scenario





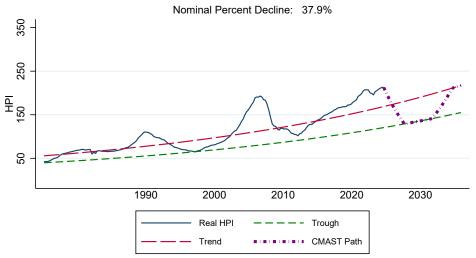
The graph above shows real HPI from Q1 1975 through Q3 2024 for Kansas City, MO-KS. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 49.3% from current price levels.

29820 - Las Vegas-Henderson-Paradise, NV Q3 2024 Scenario



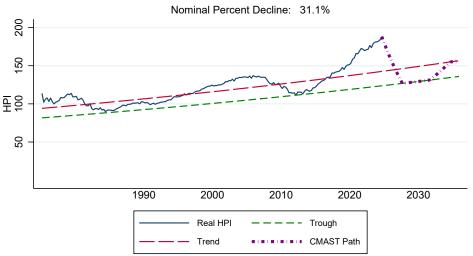
The graph above shows real HPI from Q1 1975 through Q3 2024 for Las Vegas-Henderson-Paradise, NV. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 67.3% from current price levels.

31080 - Los Angeles-Long Beach-Anaheim, CA Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Los Angeles-Long Beach-Anaheim, CA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 37.9% from current price levels.

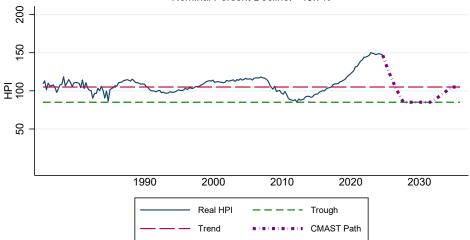
31140 - Louisville-Jefferson County, KY-IN Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Louisville-Jefferson County, KY-IN. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 31.1% from current price levels.

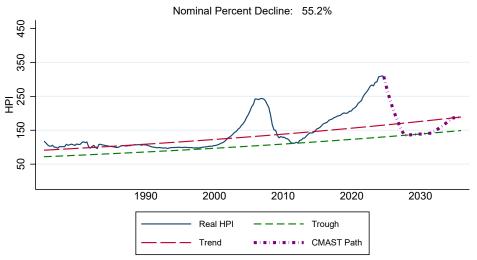
32820 - Memphis, TN-MS-AR Q3 2024 Scenario





The graph above shows real HPI from Q1 1975 through Q3 2024 for Memphis, TN-MS-AR. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 40.7% from current price levels.

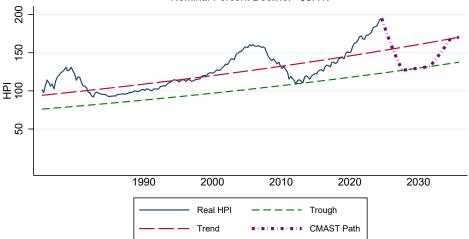
33100 - Miami-Fort Lauderdale-Pompano Beach, FL Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Miami-Fort Lauderdale-Pompano Beach, FL. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 55.2% from current price levels.

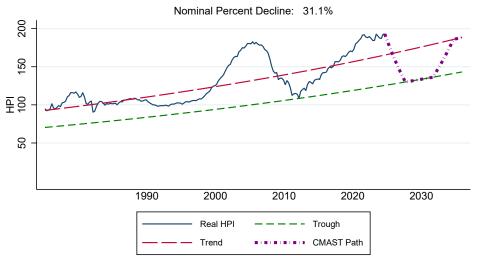
33340 - Milwaukee-Waukesha, WI Q3 2024 Scenario





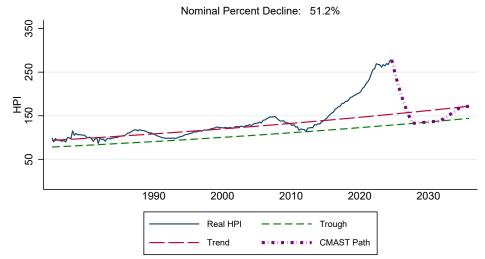
The graph above shows real HPI from Q1 1975 through Q3 2024 for Milwaukee-Waukesha, WI. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 33.4% from current price levels.

33460 - Minneapolis-St. Paul-Bloomington, MN-WI Q3 2024 Scenario



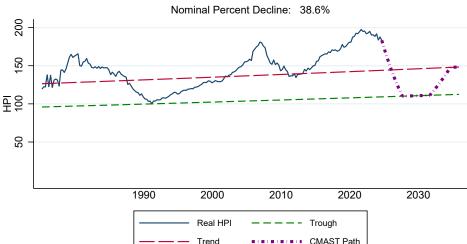
The graph above shows real HPI from Q1 1975 through Q3 2024 for Minneapolis-St. Paul-Bloomington, MN-WI. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 31.1% from current price levels.

34980 - Nashville-Davidson--Murfreesboro--Franklin, TN Q3 2024 Scenario



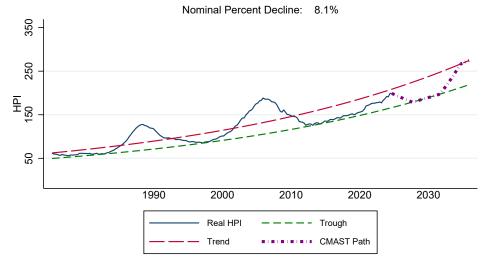
The graph above shows real HPI from Q1 1975 through Q3 2024 for Nashville-Davidson--Murfreesboro--Franklin, TN. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 51.2% from current price levels.

35380 - New Orleans-Metairie, LA Q3 2024 Scenario



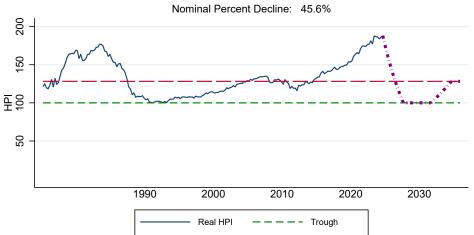
The graph above shows real HPI from Q1 1975 through Q3 2024 for New Orleans-Metairie, LA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 38.6% from current price levels.

35620 - New York-Newark-Jersey City, NY-NJ-PA Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for New York-Newark-Jersey City, NY-NJ-PA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 8.1% from current price levels.

36420 - Oklahoma City, OK Q3 2024 Scenario

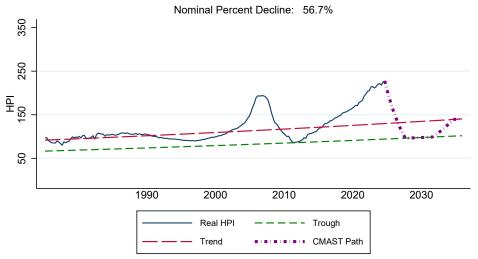


The graph above shows real HPI from Q1 1975 through Q3 2024 for Oklahoma City, OK. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 45.6% from current price levels.

CMAST Path

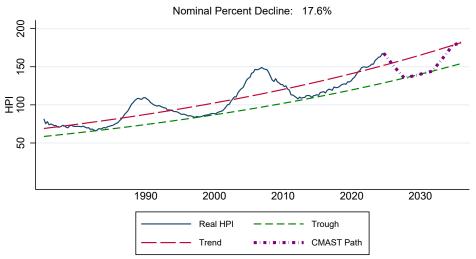
Trend

36740 - Orlando-Kissimmee-Sanford, FL Q3 2024 Scenario



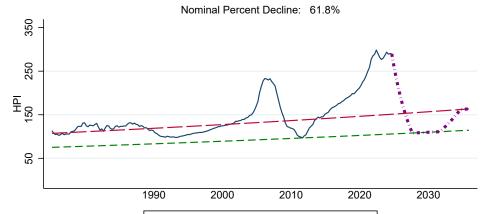
The graph above shows real HPI from Q1 1975 through Q3 2024 for Orlando-Kissimmee-Sanford, FL. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 56.7% from current price levels.

37980 - Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Philadelphia-Camden-Wilmington, PA-NJ-DE-MD. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 17.6% from current price levels.

38060 - Phoenix-Mesa-Chandler, AZ Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Phoenix-Mesa-Chandler, AZ. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 61.8% from current price levels.

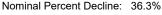
Trough

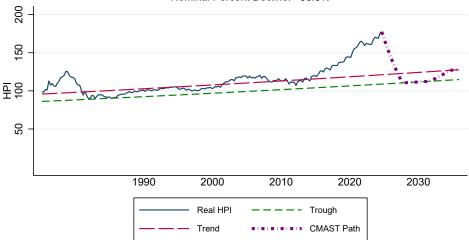
CMAST Path

Real HPI

Trend

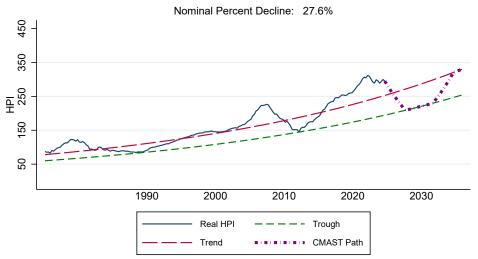
38300 - Pittsburgh, PA Q3 2024 Scenario





The graph above shows real HPI from Q1 1975 through Q3 2024 for Pittsburgh, PA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 36.3% from current price levels.

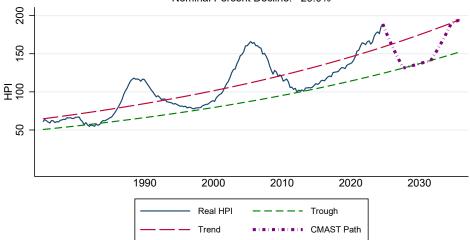
38900 - Portland-Vancouver-Hillsboro, OR-WA Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Portland-Vancouver-Hillsboro, OR-WA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 27.6% from current price levels.

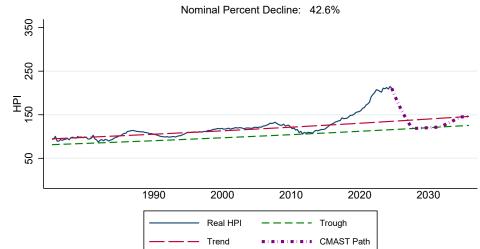
39300 - Providence-Warwick, RI-MA Q3 2024 Scenario





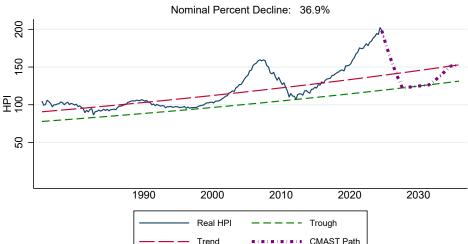
The graph above shows real HPI from Q1 1975 through Q3 2024 for Providence-Warwick, RI-MA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 29.0% from current price levels.

39580 - Raleigh-Cary, NC Q3 2024 Scenario



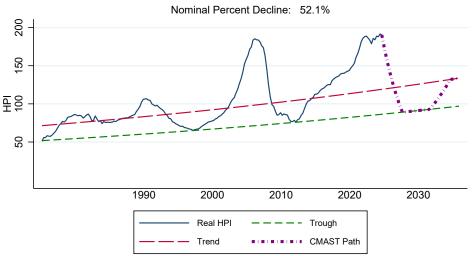
The graph above shows real HPI from Q1 1975 through Q3 2024 for Raleigh-Cary, NC. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 42.6% from current price levels.

40060 - Richmond, VA Q3 2024 Scenario



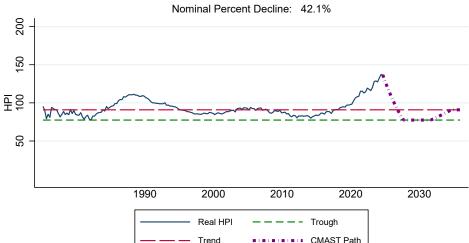
The graph above shows real HPI from Q1 1975 through Q3 2024 for Richmond, VA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 36.9% from current price levels.

40140 - Riverside-San Bernardino-Ontario, CA Q3 2024 Scenario



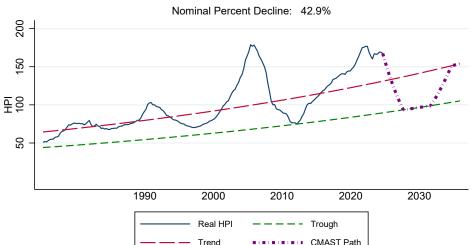
The graph above shows real HPI from Q1 1975 through Q3 2024 for Riverside-San Bernardino-Ontario, CA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 52.1% from current price levels.

40380 - Rochester, NY Q3 2024 Scenario



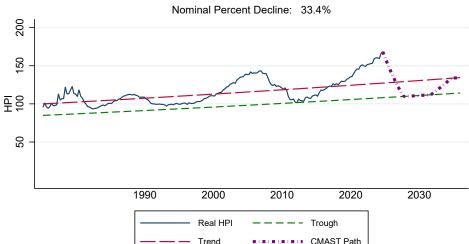
The graph above shows real HPI from Q1 1975 through Q3 2024 for Rochester, NY. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 42.1% from current price levels.

40900 - Sacramento-Roseville-Folsom, CA Q3 2024 Scenario



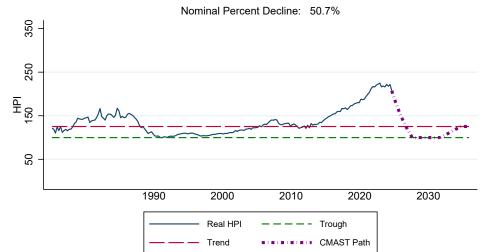
The graph above shows real HPI from Q1 1975 through Q3 2024 for Sacramento-Roseville-Folsom, CA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 42.9% from current price levels.

41180 - St. Louis, MO-IL Q3 2024 Scenario



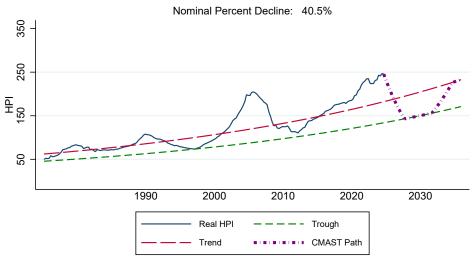
The graph above shows real HPI from Q1 1975 through Q3 2024 for St. Louis, MO-IL. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 33.4% from current price levels.

41700 - San Antonio-New Braunfels, TX Q3 2024 Scenario



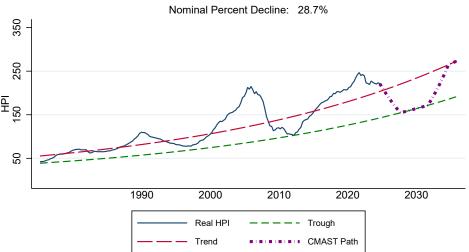
The graph above shows real HPI from Q1 1975 through Q3 2024 for San Antonio-New Braunfels, TX. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 50.7% from current price levels.

41740 - San Diego-Chula Vista-Carlsbad, CA Q3 2024 Scenario



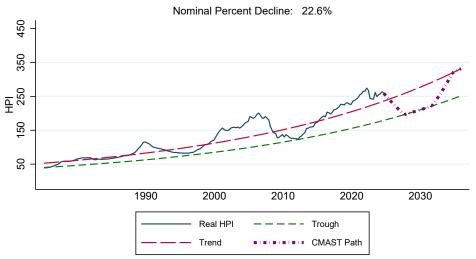
The graph above shows real HPI from Q1 1975 through Q3 2024 for San Diego-Chula Vista-Carlsbad, CA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 40.5% from current price levels.

41860 - San Francisco-Oakland-Berkeley, CA Q3 2024 Scenario



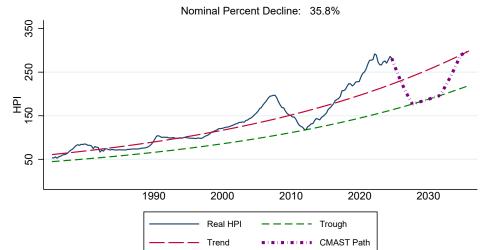
The graph above shows real HPI from Q1 1975 through Q3 2024 for San Francisco-Oakland-Berkeley, CA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 28.7% from current price levels.

41940 - San Jose-Sunnyvale-Santa Clara, CA Q3 2024 Scenario



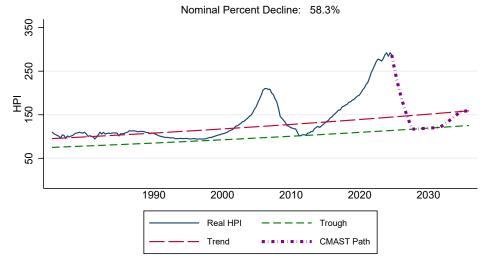
The graph above shows real HPI from Q1 1975 through Q3 2024 for San Jose-Sunnyvale-Santa Clara, CA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 22.6% from current price levels.

42660 - Seattle-Tacoma-Bellevue, WA Q3 2024 Scenario



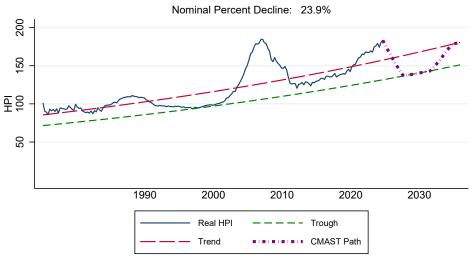
The graph above shows real HPI from Q1 1975 through Q3 2024 for Seattle-Tacoma-Bellevue, WA. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 35.8% from current price levels.

45300 - Tampa-St. Petersburg-Clearwater, FL Q3 2024 Scenario



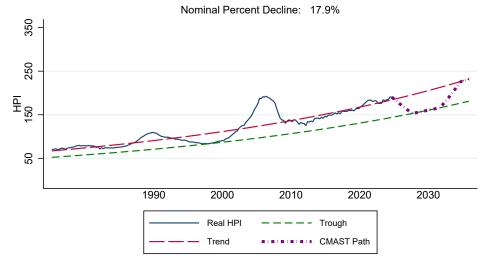
The graph above shows real HPI from Q1 1975 through Q3 2024 for Tampa-St. Petersburg-Clearwater, FL. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 58.3% from current price levels.

47260 - Virginia Beach-Norfolk-Newport News, VA-NC Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Virginia Beach-Norfolk-Newport News, VA-NC. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 23.9% from current price levels.

47900 - Washington-Arlington-Alexandria, DC-VA-MD-WV Q3 2024 Scenario



The graph above shows real HPI from Q1 1975 through Q3 2024 for Washington-Arlington-Alexandria, DC-VA-MD-WV. The trend line represents a long-run smoothed price path. The trough line represents the lowest prices have historically fallen below trend. The CMAST path represents a forward stress price path beginning in Q4 2024. The CMAST path is associated with a nominal price decline of 17.9% from current price levels.